

Rpt. 9

Date of writing report 11th June, 1957

Received London 14 JUN 1957

Port BRISTOL.

No. 20396.

Survey held at Bristol

No. of visits three

First date 28th Dec '56

Last date 24th May, 1957.

# REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 90065 Name M.V. "AVON 1" S.S. Gross tons 521 Date of build 1900 - 10.  
 Owners The Lord Mayor, Aldermen & Burgesses of The City of Bristol. Managers - Port of Registry Bristol.  
 Engines made 1900 By W. Simons & Co. Ltd. Type T 6 CY. 11" 17" & 28" x 21"

No. of Main Engines No. of Screws  
 No. of Main Boilers LSB W.P. 160 lb.  
 No. of Aux./Donkey Boilers - W.P. -  
 Surveyed Afloat or in Dry Dock Afloat.  
 Nature of Survey MBS, SPS.  
 Was Damage Report issued? - Int. Cert.?  
 Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

Hull	Machinery
*A1 hopper barge 4.55	*LMC 7.55.
ss. Brs. (M) 7.55. 2 Years	BS 7.55.
	TSp&s 3.55.
	sps. 4.50.

19826 - Brs

The condition of any of the following items is to be described as "good" only when the part has been examined, found or placed in good condition, and is considered to be acceptable until the due date of the next Periodical Examination. Where it is considered that re-examination or repairs should be effected before the due date of the next Periodical Examination a distinguishing mark thus † should be inserted against the item and the circumstances and action recommended described fully under "defects and repairs". At part or complete Special Surveys those items which are not applicable to the ship should be cancelled with a black line; this need not be done when the machinery is on a continuous survey basis. When any part has been subjected to pressure test this should be stated. Engine parts when referred to by numbers should be counted from forward.

- DOCKING Propellers ..... Wear Down of Stern Bushes ..... Oil Glands ..... Sea Connections .....
- Fastenings ..... Has Screwshaft/Tubeshaft been drawn? ..... Date of Examination ..... Has Shaft been changed? .....
- Has Shaft now fitted been previously used? ..... Has Shaft now examined/fitted a continuous liner? ..... Approved oil gland? .....
- MAIN ENGINES (Recip. Steam or I.C.) PORT STARBOARD
- 1 Cyls., Covers, Pistons & Rods .....
- 2 Valves & Gears .....
- 3 Connecting Rods, Top Ends & Guides { Side .....  
Centre .....
- 4 Crankpins & Bearings { Side .....  
Centre .....
- 5 Journals & Bearings .....
- MAIN ENGINE DRIVEN AIR COMPRESSORS
- 6 Cyls., Covers, Pistons & Rods .....
- 7 Connecting Rods & Top Ends .....
- 8 Crankpins & Bearings .....
- 9 Journals & Bearings .....
- 10 Coolers & Safety Devices .....
- MAIN ENGINE DRIVEN SCAVENGE PUMPS
- 11 Cyls., Covers, Pistons & Rods .....
- 12 Connecting Rods & Top Ends .....
- 13 Crankpins & Bearings .....
- 14 Journals & Bearings .....
- 15 Levers .....
- 16 SCAVENGE BLOWERS .....
- 17 SUPERCHARGERS .....
- MAIN TURBINES
- 18 Casings, Rotors, Blading, Bearings & Thrusts .....
- 19 EXHAUST STEAM TURBINES (WITH RECIP. ENGINES) .....
- 20 STEAM COMPRESSORS .....
- 21 CLUTCHES & HYDRAULIC COUPLINGS .....
- 22 REDUCTION GEARING .....
- 23 THRUST BLOCKS, SHAFTS & BEARINGS .....
- 24 INTERMEDIATE SHAFTS & BEARINGS .....
- 25 HOLDING DOWN BOLTS & CHOCKS .....
- 26 CONDENSERS (MAIN & AUX.) .....
- 27 STEAM RE-HEATERS .....
- 28 DE-SUPERHEATERS .....
- 29 STOP & MANOEUVRING VALVES .....
- 30 MAIN ENGINE DRIVEN PUMPS .....
- 31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES .....

Have Main Engines been tested working and manoeuvring?

OPINION OF MACHINERY AND RECOMMENDATIONS The machinery of this vessel, so far as now seen, is eligible in my opinion to remain as classed with fresh records of MBS 1.57 and sps 12.56 subject to port 'A' bracket bossing (EW 7.55) being specially examined next Dry Docking (as previously recommended).

Date of Committee THURSDAY 27 JUN 1957  
 Decision Defered for SPS but assign MBS 1.57  
 SPS 12.56  
 Write BRS

NOTED FOR PESSING

C. Newman Thomas  
 Engineer Surveyor to Lloyd's Register of Shipping  
 FRIDAY 8 NOV 1957

Lloyd's Register  
 Foundation  
 11.57

If certificate is required state where to be sent

002435-002441-0178

Noted for Header

Add Class  
 Write BRS  
 W. J. G. W. J. G.

Essential Independent Pumps (Identify by position).....

33 Bilge, Ballast & Oil Fuel Suction Lines, Fittings & Controls.....

34 Have the remaining Piping Arrangements & Fittings in the machinery space been examined as considered necessary?.....

35 Fresh Water Coolers..... 36 Lub. Oil Coolers..... 37 Heaters (state service).....

38 Independent Air Compressors, Coolers & Safety Devices.....

39 Air Receivers & Safety devices—Main..... 40 Auxiliary.....

41 Oil Fuel Tanks (Not forming part of hull structure).....

42 Evaporators..... 43 Have Evaporator Safety Valves been tested under steam?.....

44 Steering Machinery..... 45 Windlass..... 46 Fire Extinguishing Arrangements.....

AUXILIARY ENGINES (Identify by position).....

PROPULSION		ELECTRICAL EQUIPMENT	
PORT	STARBOARD	STARBOARD	AUXILIARY EQUIPMENT
a Generators.....	.....	.....	l Generators & Governors.....
b Exciters.....	.....	.....	m Motors.....
c Air Coolers.....	.....	.....	n Switchboards & Fittings.....
d Motors.....	.....	.....	o Circuit Breakers.....
e Air Coolers.....	.....	.....	p Cables.....
f Control Gear, Cables, etc.....	.....	.....	q Insulation Resistance.....
g Insulation Resistance.....	.....	.....	r Steering Gear Generators and Motors.....
h Insulating Oil Test.....	.....	.....	s Navigation Light Indicators.....
i Overspeed Governors.....	.....	.....	.....
j Magnetic Couplings.....	.....	.....	.....
k Air Gap.....	.....	.....	.....

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)

MAIN (8.1.57) Good..... AUXILIARY, DONKEY or PRESS.....

Superheaters.....

Safety Valves Good.....

Mountings, Doors & Fastenings Good.....

Safety Valves Adjusted to { Sat. 160 lb. per square inch.  
Spt. -.....

Boiler Securing Arrangements Good.....

Main Economisers..... Exhaust Gas Heated Economisers.....

Steam Heated Steam Generators..... Steam Generator Safety Valves Adjusted to.....

Wet Oil Burning System & Remote Controls examined working in accordance with Rules?..... Forced Circulating Pumps.....

Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules?..... Funnel Good.....

EXAMINATION & TESTING OF STEAM PIPES (State material)

Main Good (copper)..... Auxiliary (over 3 in. bore) None.....

Were Copper Pipes annealed? Yes..... Have Saturated Pipes in cylindrical boiler smoke boxes been tested? -.....

PARTICULARS OF DEFECTS & REPAIRS, ETC. (Damage repairs should be detailed separate from wear and tear repairs; state what action has been taken regarding items which are subjects of class)

LEAVE THIS SPACE BLANK

MBS due 7/56 now held  
Sps due 4/56 worked.

It is submitted that this vessel is eligible for THE RECORD MBS 1/54 Sps 12/56.

Eds

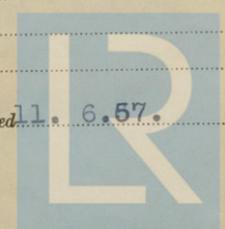
21 JUN 1957

Survey fees MBS £8. 0. 0.

Damage fee ...

Expenses... ..

Date when A/c rendered 11. 6. 57.



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